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Air Conditioning and Computer Centre Power Efficiency: the Reality

Monday 23 March 2009 17:10 (20 minutes)

The current level of demand for Green Data Centres has created a growing market for consultants providing advice on how to meet the requirement for high levels of electrical power and, above all, cooling capacity both economically and ecologically. How should one choose, in the face of the many competing claims, the right concept for a cooling system in order to reach the right power level, efficiency, carbon emissions, reliability and to ensure flexibility in the face of future computing technology evolution?

This presentation will compare and contrast various alternative computer centre cooling solutions, in particular covering examples of old technologies that are returning to favour in the context of the present energy crisis and new products vying for a place the market in addition to classic design options.

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